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Listing of Claims

1. (original) A method for bonding a first material and a second material together, said method comprising the steps of:  
  
    securing a foam material to the first material; and  
  
    applying the second material to the foam material.
2. (original) The method of claim 1, wherein the first material is metal, the foam is metal foam, and the second material is rubber.
3. (original) A method for bonding structural material to a non-adherent material, said method comprising the steps of:  
  
    interposing a foam between the structural material and the non-adherent material;  
  
    attaching the structural material and the foam together; and  
  
    pouring the non-adherent material, in liquefied form, over the foam and structural material, wherein the non-adherent material goes through a process of solidification.
4. (original) The method of claim 3, wherein the structural material is metal, the foam is metal foam, and the non-adherent material is rubber.
5. (original) A method for bonding a first material and a second material together, said method comprising the steps of:  
  
    providing a foam and interposing said foam between the first material and the second material;  
  
    attaching the first material to the foam;  
  
    providing the second material in liquefied form; and

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adding the second material to the foam.

6. (original) The method of claim 5, wherein the first material is metal, the foam is metal and the second material is rubber.

7. (original) A method of attaching rubber to an armored vehicle track plate, said method comprising the steps of:

attaching a foam to the track plate;

placing the foam and the track plate into a track plate mold;

pouring liquefied rubber into the track plate mold; and

allowing the rubber to solidify whereby at least a portion of the rubber intermingles with the foam thus securing the rubber to the foam.

8. (original) A method of attaching rubber to armored vehicle track plate, said method comprising the steps of:

securing a foam material to a track plate; and

applying rubber to the foam material, thereby causing the rubber to intermingle with the foam.

9. (original) A method of bonding a rubber pad to an armored vehicle track plate, said method comprising the steps of:

providing a foam and interposing said foam between the track plate and the rubber pad;

attaching the track plate to the foam; and

providing the rubber in liquefied form and pouring the rubber over the foam and the track plate, and causing the rubber to solidify.

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10. (original) A method of bonding rubber to armored vehicle track plates, the method comprising the steps of:

attaching a foam to a track plate;

placing the foam and track plate into a track plate mold;

pouring a rubber into the track plate mold; and

allowing the rubber to solidify.